CONTENTS OF VOLUME 71

JANUARY 1943. NUMBER 1

PAGE

Supernormal Circulation in Resting Subjects (Hyperkinemia), with a Study of the Relation of Kinemic Abnormalities to the Basal Metabolic Rate. Isaac Starr, M.D., and Leon Jonas, M.D., Philadelphia 1

Chronic Gastritis Simulating Gastric Carcinoma: Report of Five Cases. Eugene Freedman, M.D.; Paul M. Glenn, M.D., and Thomas C. Laipply, M.D., Cleveland 23

Induced Thiamine (Vitamin B_1) Deficiency in Man: Relation of Depletion of Thiamine to Development of Biochemical Defect and of Polyneuropathy. Ray D. Williams, M.D.; Harold L. Mason, Ph.D.; Marschelle H. Power, Ph.D., and Russell M. Wilder, M.D., Ph.D., Rochester, Minn. 38

Urinary Sediment in Visceral Angiitis (Periarteritis Nodosa, Lupus Erythematosus, Libman-Sacks "Disease"): Quantitative Studies. Marcus A. Krupp, M.D., San Francisco 54

Excretion of Coproporphyrin in Hepatic Disease: III. Urinary Excretion of Coproporphyrin in Hepatic Insufficiency During Episodes Characterized by Neurologic Manifestations. Samuel Nesbitt, M.D., New Haven, Conn. ... 62

Alkaptonuria with Hyperuricemia. Alan Leslie, M.D., New York 68

Effect of Massive Doses of Vitamin D on Calcium and Phosphorus Metabolism: Observations on Patients with Atrophic Spondylitis and with Degenerative Arthritis of the Spine. Karl P. Klassen, M.D., and George M. Curtis, M.D., Columbus, Ohio 78

Toxicity of Pyridine in Man. Lewis J. Pollock, M.D.; Isidore Finkelman, M.D., and Alex J. Arieff, M.D., Chicago 95

Progress in Internal Medicine:

Allergy: A Review of the Literature of 1942. Francis M. Rackemann, M.D., Boston 107

Book Reviews 133

FEBRUARY 1943. NUMBER 2

Ventricular Tachycardia: An Analysis of Thirty-Six Cases. Conger Williams, M.D., and Laurence B. Ellis, M.D., Boston 137

Studies on the Clinical Significance of the Serum Proteins: II. The Relationship Between the Albumin-Globulin Ratio, Albumin, Globulin and Total Protein. Benjamin M. Kagan, M.D., Richmond, Va. 157

Sickle Cell Anemia in the White Race, with Report of Cases in Two Families. M. A. Ogden, M.D., Passaic, N. J. 164

Surgical Treatment for Cirrhosis: Prognosis Subsequent to Omentopexy. Horace B. Cates, M.D., Los Angeles 183

Action of Digitalis on Conduction in the Syndrome of Short PR Interval and Prolonged QRS Complex. Theodore T. Fox, M.D.; Janet Travell, M.D., and Leonard Molofsky, M.D., New York 206

Storage and Significance of Tissue Glycogen in Health and in Disease. Samuel Soskin, M.D., Chicago 219

Morphology of Erythrocytes in Erythroblastosis Foetalis. Lieutenant Edward H. Reisner Jr., Medical Corps, Army of the United States 230

FEBRUARY—*Continued*

PAGE

Spontaneous Mediastinal Emphysema. Robert M. Lintz, M.D., New York.... 256

Progress in Internal Medicine:

Review of the Literature on the Pituitary Gland (1940 and 1941). Alice G. Hildebrand, M.D., and Edward H. Rynearson, M.D., Rochester, Minn. 262

Book Reviews..... 297

News and Comment..... 300

MARCH 1943. NUMBER 3

Angina Pectoris and the Syndrome of Peptic Ulcer. Captain Hyman Levy, Medical Corps, Army of the United States, and Ernst P. Boas, M.D., New York..... 301

Protective Action of Vitamin C Against Experimental Hepatic Damage. Karl H. Beyer, Ph.D., Madison, Wis..... 315

The Heart in Pulmonary Embolism. James Currens, M.D., and Arlie R. Barnes, M.D., Rochester, Minn..... 325

Clinical Effectiveness and Safety of a New Synthetic Analgesic Drug, Demerol. Robert C. Batterman, M.D., New York..... 345

Effective Renal Blood Flow, Glomerular Filtration Rate and Tubular Excretory Mass in Arterial Hypertension: II. Effect of Supradiaphragmatic Splanchnicectomy with Lower Dorsal Sympathetic Ganglionectomy. Piero P. Foà, M.D., Ph.D.; Ward W. Woods, M.D.; M. M. Peet, M.D., and Naomi L. Foà, B.A., Ann Arbor, Mich..... 357

Association of Hydrothorax with Ovarian Fibroma (Meigs's Syndrome). W. W. Herrick, M.D.; T. Lloyd Tyson, M.D., and B. P. Watson, M.D., New York..... 370

Incidence and Causes of Hyperproteinemia: A Study of 4,390 Cases. Leonard Cardon, M.D., and Donald H. Atlas, M.D., Ph.D., Assisted by Matthew J. Brunner, M.D.; Edward Aron, M.D., and S. Lloyd Teitelman, M.D., Chicago..... 377

Blood Flow in Extremities Affected by Anterior Poliomyelitis. David I. Abramson, M.D.; Kamillo Flachs, M.D.; Joseph Freiberg, M.D., and I. Arthur Mirsky, M.D., Cincinnati..... 391

Serum Cholesterol Level in Coronary Arteriosclerosis. Alfred Steiner, M.D., and Beatrice Domanski, B.A., New York..... 397

Multiple Bilateral Pulmonary Adenomatosis in Man. J. L. Sims, M.D., Medical Corps, Army of the United States..... 403

Unusual Sounds Emanating from the Chest: Cause and Diagnostic Significance of Bubbling, Clicking, Crunching, Knocking and Tapping Sounds, with a Report of Two Cases of Interstitial Emphysema of Lung and Mediastinum. James A. Greene, M.D., Iowa City..... 410

Value of Sodium Chloride in Prevention of Alkalosis During "Sippy" Treatment with Calcium Carbonate. Joseph B. Kirsner, M.D., Ph.D., and Walter Lincoln Palmer, M.D., Ph.D., Chicago..... 415

Progress in Internal Medicine:

Diseases of Nutrition: Review of Certain Recent Contributions. Hugh R. Butt, M.D.; Robert M. Hoyne, M.D., and Russell M. Wilder, M.D., Rochester, Minn..... 422

Book Reviews..... 439

APRIL 1943. NUMBER 4

PAGE

Streptococcic and Pneumococcic Infections of the Nose and Throat in Young Adults: Incidence, Epidemiology and Clinical Features. Paul S. Rhoads, M.D., and Melvin E. Afremow, M.D., Chicago 443

A Renal Concentration Test Using Solution of Posterior Pituitary. Lieutenant Harry C. Wall, Medical Corps, Army of the United States 454

Studies on the Action of Quinidine in Man: I. Measurement of the Speed and Duration of the Effect Following Oral and Intramuscular Administration. Elliot L. Sagall, M.D.; Charles D. Horn, M.D., and Joseph E. F. Riseman, M.D., Boston 460

Effects of Vitamin A Depletion in Young Adults. Sadie Brenner, Ph.D., and Lydia J. Roberts, Ph.D., Chicago 474

Excretion of Coproporphyrin in Hepatic Disease: IV. Isolation and Identification of Urinary Coproporphyrin Isomers. Samuel Nesbitt, M.D., New Haven, Conn. 483

Copper and Iron in Human Blood. Adolph Sachs, M.D.; Victor E. Levine, M.D.; Frederick C. Hill, and Rita Hughes, B.S., Omaha 489

Aneurysm of the Heart. J. Hamilton Crawford, M.D., Brooklyn 502

Enterococcic Infections: An Evaluation of the Importance of Fecal Streptococci and Related Organisms in the Causation of Human Disease. Lowell A. Rantz, M.D., and William M. M. Kirby, M.D., San Francisco 516

Concentration of Carbon Dioxide in Expired Air in Heart Disease. Lieutenant Paul K. Boyer (MC), U.S.N.R., and Cameron V. Bailey, M.D., New York 529

Kinetics of Respiration in Experimental Pulmonary Embolism. Lieutenant R. S. Megibow, Medical Corps, Army of the United States; L. N. Katz, M.D., Chicago, and Private M. Feinstein, Signal Corps, Army of the United States 536

Electrocardiographic Changes with Exercise: Their Relation to Age and Other Factors. William H. Barrow, M.D., and Roy A. Ouer, M.D., San Diego, Calif. 547

Night Cramps and Quinine. Abraham Gootnick, M.D., Hines, Ill 555

Progress in Internal Medicine:

Liver and Biliary Tract: A Review of the Literature for 1942. Carl H. Greene, M.D., New York 563

News and Comment 579

Book Reviews 580

MAY 1943. NUMBER 5

Peripheral Vascular Response to Acute Anoxia. Captain David I. Abramson, Medical Corps, Army of the United States, and Harry Landt, M.D., and Julien E. Benjamin, M.D., Cincinnati 583

Hemorrhagic Lesions of the Coronary Arteries. John P. English, M.D., and Frederick A. Willius, M.D., Rochester, Minn. 594

Fibrosis of the Endocardium and the Myocardium with Mural Thrombosis: Notes on Its Relation to Isolated (Fiedler's) Myocarditis and to Beriberi Heart. J. James Smith, M.D., and Jacob Furth, M.D., New York 602

Streptococcic Bacteremia Cured with Sulfadiazine: Report of a Case of Infection Caused by Hemolytic Streptococci of Lancefield Group C, with a Review of the Literature and Presentation of Immunologic Data. William M. M. Kirby, M.D., and Lowell A. Rantz, M.D., San Francisco 620

MAY—*Continued*

PAGE

Primary and Secondary Hyperparathyroidism. Louis J. Soffer, M.D., and Clarence Cohn, M.D., New York 630

Spontaneous Interstitial Emphysema of the Lung, with Mediastinal, Retroperitoneal and Subcutaneous Emphysema. John D. Adcock, M.D., Ann Arbor, Mich. 650

Blue Scleras, Brittle Bones and Deafness: A Report of an Afflicted Family. Jason E. Farber, M.D., Buffalo, and Aaron E. Margulis, M.D., New York. 658

Normal Cardiovascular Roentgen Silhouette Studied by Means of Roentgenograms of the Chests of Cadavers After Opaque Solutions Had Been Injected Into the Large Vessels and Chambers of the Heart. Jorge Meneses Hoyos, M.D., and J. J. Quesada, Mexico City, Mexico 666

Serum Concentration and Renal Clearance of Potassium in Severe Renal Insufficiency in Man. Norman M. Keith, M.D.; Harry E. King, M.D., and Arnold E. Osterberg, Ph.D., Rochester, Minn 675

Adrenal Cortex in Systemic Disease: A Morphologic Study. Ernest L. Sarason, M.D., New York 702

Progress in Internal Medicine:

Diseases of the Heart: A Review of Significant Contributions Made During 1942. Lieut. Comdr. Ashton Graybiel, MC-V(S), U.S.N.R., with the Editorial Assistance of Paul D. White, M.D., Boston 713

Book Reviews 738

JUNE 1943. NUMBER 6

A Note Concerning the Long Neglect of Auenbrugger's "Inventum Novum." James B. Herrick, M.D., Chicago 741

Scleroderma Heart Disease, with a Consideration of Certain Other Visceral Manifestations of Scleroderma. Soma Weiss, M.D., Boston, and Eugene A. Stead Jr., M.D., and James V. Warren, M.D., Atlanta, Ga., and Orville T. Bailey, M.D., Boston 749

Leukemia: A Clinical and Pathologic Study of One Hundred and Twenty-Three Fatal Cases in a Series of 14,400 Necropsies. Major Jack D. Kirshbaum, Medical Corps, Army of the United States, and Fred S. Preuss, M.D., Cleveland 777

Clinical Observations on Osteopetrosis and Myelofibrosis. Nathan Rosenthal, M.D., and Lowell A. Erf, M.D., New York 793

Profile Printing in the Photomicrography of Blood Cells. William P. Murphy, M.D., and Edwin T. Green, Boston 814

Significance of Glycosuria. I. Arthur Mirsky, M.D., and Norton Nelson, Ph.D., Cincinnati 827

Encephalopathy Following Mapharsen Therapy: Pathologic Report with Unusual Findings. A. M. Rabiner, M.D., Brooklyn, and Captain I. S. Freiman, Medical Corps, Army of the United States, and N. Apter, M.D., Brooklyn 836

Postanginal Sepsis. S. Boharas, M.D., Pittsburgh 844

Progress in Internal Medicine:

Blood: A Review of the Recent Literature (To Be Concluded). Frank H. Bethell, M.D.; Cyrus C. Sturgis, M.D.; Robert A. Hettig, M.D., and Otto Tod Mallery Jr., M.D., Ann Arbor, Mich. 854

Correspondence:

A Renal Concentration Test Using Solution of Pituitary. F. Brunn, M.D., New York 904

Book Reviews 905

General Index 908